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12-10-01

PTO/SB/05 (03-01)

Approved for use through 10/31/2002, OMB 0651-0032  
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Box *Sag*

# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No.	2183-5006.1US
First Inventor	Havenga et al.
Title	GENE DELIVERY VECTORS WITH CELL TYPE SPECIFICITY FOR MESENCHYMAL STEM CELLS
Express Mail Label No	EL 740547505 US

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

- Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
- Applicant claims small entity status.  
See 37 CFR 1.27.
- Specification [Total Pages **39**]  
(preferred arrangement set forth below)
  - Descriptive title of the Invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
- Drawing(s) (35 U.S.C. 113) [Total Sheets **3**]
- Oath or Declaration [Total Pages **1**]
  - a.  Newly executed (original or copy)
  - b.  Copy from a prior application (37 CFR 1.63 (d))  
(for a continuation/divisional with Box 18 completed)
  - i.  **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
- Application Data Sheet. See 37 CFR 1.76

## ADDRESS TO:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 2023110/010645 PRO  
11/13/01

7.  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a.  Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i.  CD-ROM or CD-R (2 copies); or
    - ii.  paper
  - c.  Statements verifying identity of above copies

## ACCOMPANYING APPLICATIONS PARTS

9.  Assignment Papers (cover sheet & document(s))
10.  37 C.F.R. §3.73(b) Statement  Power of (when there is an assignee) Attorney
11.  English Translation Document (if applicable)
12.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS Citations
13.  Preliminary Amendment
14.  Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15.  Certified Copy of Priority Document(s) (if foreign priority is claimed)
16.  Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17.  Other: \_\_\_\_\_

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation       Divisional       Continuation-in-part (CIP)

of prior application No: \_\_\_\_\_ / \_\_\_\_\_

Prior application information: Examiner \_\_\_\_\_

Group / Art Unit: \_\_\_\_\_

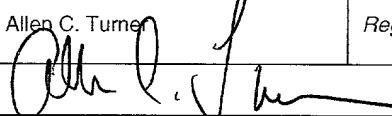
For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 17. CORRESPONDENCE ADDRESS

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Insert Customer Number or Bar Code Label here

Name	24247		
	PATENT TRADEMARK OFFICE		
Address			
City	State	Zip Code	
Country	Telephone	Fax	

Name (Print/Type)	Allen C. Turner	Registration No. (Attorney/Agent)	33,041
Signature			Date November 13, 2001

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# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

**TOTAL AMOUNT OF PAYMENT** (\$ 613)

<i>Complete if Known</i>	
Application Number	Not Yet Assigned
Filing Date	November 13, 2001
First Named Inventor	Havenga et al
Examiner Name	Unknown
Group / Art Unit	Unknown
Attorney Docket No.	2183-5006.1US

<b>METHOD OF PAYMENT (check one)</b>					<b>FEE CALCULATION (continued)</b>																																																																																																																																																																																																																								
<p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:</p> <p>Deposit Account Number <span style="border: 1px solid black; padding: 2px;">20-1469</span></p> <p>Deposit Account Name <span style="border: 1px solid black; padding: 2px;">TraskBritt</span></p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17</p> <p><input type="checkbox"/> Applicant claims small entity status See 37 CFR 1.27</p>					<p><b>3. ADDITIONAL FEES</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Fee Code</th> <th style="text-align: center;">Large Entity Fee (\$)</th> <th style="text-align: center;">Small Entity Fee (\$)</th> <th colspan="2" style="text-align: center;">Fee Description</th> <th style="text-align: center;">Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td style="text-align: center;">130</td><td style="text-align: center;">205</td><td style="text-align: center;">65</td><td colspan="2">Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>127</td><td style="text-align: center;">50</td><td style="text-align: center;">227</td><td style="text-align: center;">25</td><td colspan="2">Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>139</td><td style="text-align: center;">130</td><td style="text-align: center;">139</td><td style="text-align: center;">130</td><td colspan="2">Non-English 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Examiner action			115	110	215	55	Extension for reply within first month			116	400	216	200	Extension for reply within second month			117	920	217	460	Extension for reply within third month			118	1,440	218	720	Extension for reply within fourth month			128	1,960	228	980	Extension for reply within fifth month			119	320	219	160	Notice of Appeal			120	320	220	160	Filing a brief in support of an appeal			121	280	221	140	Request for oral hearing			138	1,510	138	1,510	Petition to institute a public use proceeding			140	110	240	55	Petition to revive – unavoidable			141	1,280	241	640	Petition to revive – unintentional			142	1,280	242	640	Utility issue fee (or reissue)			143	460	243	230	Design issue fee			144	620	244	310	Plant issue fee			122	130	122	130	Petitions to the Commissioner			123	50	123	50	Processing fee under 37 CFR 1.17 (g)			126	180	126	180	Submission of Information Disclosure Stmt			581	40	581	40	Recording each patent assignment per property (times number of 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\*or number previously paid, if greater. For Reissues, see above

<b>SUBMITTED BY</b>						<i>Complete (if applicable)</i>	
Name (Print/Type)	Allen C. Turner	Registration No. Attorney/Agent)	33,041	Telephone	801-532-1922		
Signature				Date	November 13, 2001		

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**PATENT**  
**5006.1US**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In re Application of:**

Havenga et al.

**Serial No.:** To be assigned

**Filed:** 13 November 2001

**For:** GENE DELIVERY VECTORS WITH  
CELL TYPE SPECIFICITY FOR  
MESENCHYMAL STEM CELLS

**Examiner:** To be assigned

**Group Art Unit:** To be assigned

**Attorney Docket No.:** 5006.1US

**NOTICE OF EXPRESS MAILING**

Express Mail Mailing Label  
Number: EL740547505US

Date of Deposit with USPS: November 13, 2001

Person making Deposit: Orlena Howell

**Statement under 37 C.F.R. § 1.821(f)**

Commissioner for Patents  
Washington, D.C. 20231

Sir:

I, Shawn G. Hansen, an attorney registered to practice before the United States Patent & Trademark Office and attorney of record for this application, state that:

1. The enclosed paper copy of the SEQUENCE LISTING, as well as the enclosed copy of the SEQUENCE LISTING in computer readable form (CRF), are in compliance with the requirements of 37 C.F.R. §§ 1.821 through 1.825.